WHAT IS CLAIMED IS:

1. A method comprising:

   a first client sending a first message to a first service to invoke one or more functions of the first service, wherein a schema for the first service specifies a plurality of messages usable to invoke the functions of the first service, and wherein the first message is specified by the schema;

   the first service generating a set of results in response to the first message, wherein the set of results are expressed in a data representation language; and

   storing the set of results in a space without returning the set of results directly to the first client, wherein the space comprises a network-addressable storage location.

2. The method of claim 1, further comprising:

   sending to the first client an event to notify the first client that the space stores the set of results.

3. The method of claim 2, further comprising:

   the first client reading the set of results from the space in response to the event.

4. The method of claim 1, further comprising:

   the first client sending a second message to the first service, wherein the second message comprises a request to pass a location of the set of results to a second service; and

the second service reading the set of results from the location.

5.   The method of claim 1, further comprising:

a second client reading the set of results from the space.

6.   The method of claim 1,

wherein the data representation language comprises eXtensible Markup Language (XML).

7.   A method comprising:

a first client sending a first message to a first service to invoke one or more functions of the first service, wherein a schema for the first service specifies a plurality of messages usable to invoke the functions of the first service, and wherein the first message is specified by the schema;

the first service generating a set of results in response to the first message, wherein the set of results are expressed in a data representation language; and

generating an advertisement of the set of results, wherein the advertisement comprises information which is usable to access the set of results.

8.   The method of claim 7, further comprising:

storing the set of results in a space without returning the set of results directly to the first client, wherein the space comprises a network-addressable storage location.

9. The method of claim 7, further comprising:

   sending to the first client a second message comprising the advertisement of the set of results, wherein the second message is expressed in the data representation language.

10. The method of claim 9, further comprising:

    the first client reading the set of results from a location specified in the advertisement for the set of results.

11. The method of claim 7, further comprising:

    storing the advertisement of the set of results in a space, wherein the space comprises a network-addressable storage location.

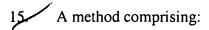12. The method of claim 11, further comprising:

    sending to the first client an event to notify the first client of the storing the advertisement of the set of results in the space.

13. The method of claim 7,

    wherein the data representation language comprises eXtensible Markup Language (XML).

14. The method of claim 7,

    wherein the advertisement comprises a Uniform Resource Indicator (URI) for the set of results.

15. A method comprising:

a client sending a first message to a service to invoke one or more functions of the
service, wherein a schema for the service specifies a plurality of messages
usable to invoke the functions of the service, and wherein the first
message is specified by the schema;

the service generating a set of results in response to the first message, wherein the
set of results are expressed in a data representation language; and

sending a second message expressed in the data representation language to the
client, wherein the second message comprises the set of results.
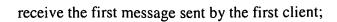
16. A system comprising:

a first client;

a first service which is communicatively coupled to the first client; and

a space which is communicatively coupled to the first client and the first service,
wherein the space comprises a network-addressable storage location;

wherein the first client is operable to send a first message to the first service to
invoke one or more functions of the first service, wherein a schema for the
first service specifies a plurality of messages usable to invoke the
functions of the first service, and wherein the first message is specified by
the schema;

wherein the first service is operable to:

receive the first message sent by the first client;

generate a set of results in response to the first message, wherein the set of results are expressed in a data representation language; and

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store the set of results in the space without returning the set of results directly to the first client.

17. The system of claim 16,

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wherein the first service is operable to send to the first client an event to notify the first client that the space stores the set of results.

18. The system of claim 17,

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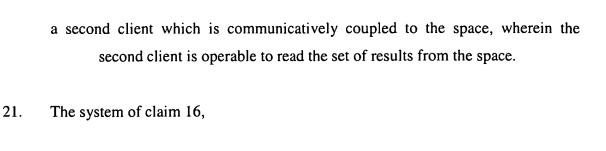wherein the first client is operable to read the set of results from the space in response to the event.

19. The system of claim 16, further comprising:

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a second service which is communicatively coupled to the first client and the space;

wherein the first client is operable to send a second message to the first service, wherein the second message comprises a request to pass a location of the

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set of results to the second service; and

wherein the second service is operable to read the set of results from the location.

30 20. The system of claim 16, further comprising:

a second client which is communicatively coupled to the space, wherein the second client is operable to read the set of results from the space.

21.   The system of claim 16,

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wherein the data representation language comprises eXtensible Markup Language (XML).

22.   A system comprising:

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a first client;

a first service which is communicatively coupled to the first client;

15   wherein the first client is operable to send a first message to the first service to invoke one or more functions of the first service, wherein a schema for the first service specifies a plurality of messages usable to invoke the functions of the first service, and wherein the first message is specified by the schema; and

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wherein the first service is operable to:

receive the first message sent by the first client;

25   generate a set of results in response to the first message, wherein the set of results are expressed in a data representation language; and

generate an advertisement of the set of results, wherein the advertisement comprises information which is usable to access the set of results.

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23.   The system of claim 22, further comprising:

a space which is communicatively coupled to the first client and the first service, wherein the space comprises a network-addressable storage location;

5   wherein the first service is operable to store the set of results in the space without returning the set of results directly to the first client.

24.   The system of claim 22,

10   wherein the first service is operable to send to the first client a second message comprising the advertisement of the set of results, wherein the second message is expressed in the data representation language.

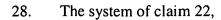25.   The system of claim 24,

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wherein the first client is operable to read the set of results from a location specified in the advertisement for the set of results.

26.   The system of claim 22, further comprising:

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a space which is communicatively coupled to the first client and the first service, wherein the space comprises a network-addressable storage location;

wherein the first service is operable to store the advertisement of the set of results

25   in the space.

27.   The system of claim 26,

wherein the first service is operable to send to the first client an event to notify the

30   first client that the space stores the advertisement of the set of results.

28. The system of claim 22,

   wherein the data representation language comprises eXtensible Markup Language (XML).

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29. The system of claim 22,

   wherein the advertisement comprises a Uniform Resource Indicator (URI) for the set of results.

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30. A system comprising:

   a first client;

15   a first service which is communicatively coupled to the first client;

   wherein the first client is operable to send a first message to the first service to invoke one or more functions of the first service, wherein a schema for the first service specifies a plurality of messages usable to invoke the functions of the first service, and wherein the first message is specified by

20   the schema; and

   wherein the first service is operable to:

25   receive the first message sent by the first client;

   generate a set of results in response to the first message, wherein the set of results are expressed in a data representation language; and

30   send a second message expressed in the data representation language to the client, wherein the second message comprises the set of results.

31.   A carrier medium comprising program instructions, wherein the program instructions are computer-executable to implement:

5   a first client sending a first message to a first service to invoke one or more functions of the first service, wherein a schema for the first service specifies a plurality of messages usable to invoke the functions of the first service, and wherein the first message is specified by the schema;

10   the first service generating a set of results in response to the first message, wherein the set of results are expressed in a data representation language; and

           storing the set of results in a space without returning the set of results directly to
15   the first client, wherein the space comprises a network-addressable storage location.

32.   The carrier medium of claim 31, wherein the program instructions are further computer-executable to implement:
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           sending to the first client an event to notify the first client that the space stores the set of results.

33.   The carrier medium of claim 32, wherein the program instructions are further
25   computer-executable to implement:

           the first client reading the set of results from the space in response to the event.

34.   The carrier medium of claim 31, wherein the program instructions are further
30   computer-executable to implement:

the first client sending a second message to the first service, wherein the second message comprises a request to pass a location of the set of results to a second service; and

5   the second service reading the set of results from the location.

35.   The carrier medium of claim 31, wherein the program instructions are further computer-executable to implement:

10   a second client reading the set of results from the space.

36.   The carrier medium of claim 31,

wherein the data representation language comprises eXtensible Markup Language
15   (XML).

37.   A carrier medium comprising program instructions, wherein the program instructions are computer-executable to implement:

20   a first client sending a first message to a first service to invoke one or more functions of the first service, wherein a schema for the first service specifies a plurality of messages usable to invoke the functions of the first service, and wherein the first message is specified by the schema;

25   the first service generating a set of results in response to the first message, wherein the set of results are expressed in a data representation language; and

generating an advertisement of the set of results, wherein the advertisement
30   comprises information which is usable to access the set of results.

38.   The carrier medium of claim 37, wherein the program instructions are further computer-executable to implement:

storing the set of results in a space without returning the set of results directly to
5   the first client, wherein the space comprises a network-addressable storage
            location.

39.   The carrier medium of claim 37, wherein the program instructions are further computer-executable to implement:
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sending to the first client a second message comprising the advertisement of the
            set of results, wherein the second message is expressed in the data
            representation language.

15   40.   The carrier medium of claim 39, wherein the program instructions are further computer-executable to implement:

the first client reading the set of results from a location specified in the
            advertisement for the set of results.
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41.   The carrier medium of claim 37, wherein the program instructions are further computer-executable to implement:

storing the advertisement of the set of results in a space, wherein the space
25   comprises a network-addressable storage location.

42.   The carrier medium of claim 41, wherein the program instructions are further computer-executable to implement:

30   sending to the first client an event to notify the first client of the storing the
            advertisement of the set of results in the space.

43.   The carrier medium of claim 37,

5   wherein the data representation language comprises eXtensible Markup Language
               (XML).

44.   The carrier medium of claim 37,

10   wherein the advertisement comprises a Uniform Resource Indicator (URI) for the
               set of results.

45.   A carrier medium comprising program instructions, wherein the program
        instructions are computer-executable to implement:

15   a client sending a first message to a service to invoke one or more functions of the
                       service, wherein a schema for the service specifies a plurality of messages
                       usable to invoke the functions of the service, and wherein the first
                       message is specified by the schema;

20   the service generating a set of results in response to the first message, wherein the
                       set of results are expressed in a data representation language; and

               sending a second message expressed in the data representation language to the
                       client, wherein the second message comprises the set of results.

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